

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Roger R. Lesieur

Serial No.: 09/321,390

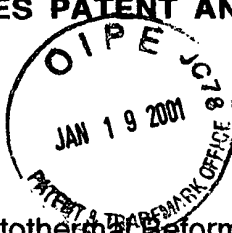
Filed: May 27, 1999

For: "Compact Light Weight Autothermal Reformer Assembly"

Docket No.: C-2267

Group: 1764

Examiner: B. Ridley



AF
GP 1764
1/26/01
1/26/01

AMENDMENT B UNDER RULE 116

Hon. Commissioner of Patents and Trademarks

Washington, D.C. 20231

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Dear Sir:

This is responsive to the Official Office Action dated November 1, 2000. Please amend the above-identified application as follows.

IN THE SPECIFICATION:

C1 On page 3, line 14, after "deposited." please insert --Cells in the open cell foam onto which a catalyst is deposited are occasionally referred to herein as "catalyzed cells".--

On page 5, line 28, please delete "small", first occurrence, and insert --smaller--.

On page 6, line 13, please delete "nobel" and insert --noble--.

IN THE CLAIMS:

Please rewrite Claims 1 and 21 as follows

- C2
- 1.(amended) A hydrocarbon fuel gas autothermal reformer assembly comprising:
- a) a monolithic open cell foam catalyst bed, said catalyst bed including an inlet end and an outlet end, an inlet portion of said catalyst bed being provided with a catalyst which is operable to combust a portion of the fuel gas so as to raise the temperature of said catalyst bed while inhibiting carbon deposition in catalyzed cells of said foam;
 - b) a fuel gas inlet passage, said fuel gas inlet passage being disposed in heat exchange relationship with [an] a processed fuel gas stream disposed in an outlet passage from said catalyst bed whereby heat will be transferred to said fuel gas inlet passage from the processed fuel gas stream;

OK to
enter 3/26/01
JR